

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1684	((166/370) or (166/372) or (166/105) or (166/68)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 15:08
S3	10	("5636693" "5904209" "5937946" "5957199" "6059040").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:44
S4	447	(166/370 166/372 166/105 166/68 166/369) and (throat constrict\$3 venturi narrow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:51
S5	403	S4 and ((liquid fluid water oil) near5 (separat\$3 remov\$3 recov\$3 lift\$3 pump\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:38
S6	246	S4 and (((liquid fluid water oil) near5 (separat\$3 remov\$3 recov\$3 lift\$3 pump\$3)) near5 (hydrocarbon (natural adj gas) gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 18:08
S7	0	("2004/0144545").URPN.	USPAT	OR	ON	2006/03/30 16:27
S8	0	("2004/0144545").URPN.	USPAT	OR	ON	2006/03/30 16:30
S9	1684	((166/370) or (166/372) or (166/105) or (166/68)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 17:38
S10	12	S9 and (well and cleaning and method).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:39
S11	23	S9 and (well and cleaning).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:39
S12	2	S11 and ((perforat\$4 hole vent) near5 (inlet siphon tube conduit passageway venturi pipe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:43

EAST Search History

S13	16571	("166"/\$6 "210"/\$6).ccls. and ((perforat\$4 hole vent) near5 (inlet siphon tube conduit passageway venturi pipe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:44
S14	2647	S13 and (((liquid fluid water oil) near5 (separat\$3 remov\$3 recov\$3 lift\$3 pump\$3)) near5 (hydrocarbon (natural adj gas) gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:46
S15	584	(137/155).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/30 17:46
S16	18161	"137"/\$6.ccls. and (throat constrict\$3 venturi narrow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 17:52
S17	580	S16 and (((liquid fluid water oil) near5 (separat\$3 remov\$3 recov\$3 lift\$3 pump\$3)) near5 (hydrocarbon (natural adj gas) gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 18:09
S18	3854	"137"/\$6.ccls. and venturi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:00
S19	18	S18 and (wellbore well?bore downhole down?hole borehole bore?hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:02
S20	0	("2002/0029888").URPN.	USPAT	OR	ON	2006/03/31 10:18
S21	11	(("5033545") or ("4790376") or ("4744730") or ("4297084") or ("3887008")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 10:45
S22	920	(166/313).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 15:09

EAST Search History

S23	31	S22 and (throat\$2 constrict\$4 venturi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 15:16
S24	36	S22 and (throat\$2 constrict\$4 venturi (jet adj pump))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 15:16
S25	0	("2005/0173107").URPN.	USPAT	OR	ON	2006/03/31 15:18
S26	36	("0801641" "1642121" "1845675" "2004337" "2041803" "2290141" "2291911" "2682225" "3062149" "3216368" "3781134" "3915595" "4135861" "4183722" "4285638" "4293283" "4603735" "4605069" "4664603").PN. OR ("4744730").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/31 15:19
S27	60	("1658697" "2368346" "2660250" "2758653" "2771141" "3101784" "3316985" "3547191" "3822750" "4074779" "4302052" "4310288" "4348058" "4349073" "4420187" "4442899" "4495996" "4580634" "4605069" "4671359" "4718728" "4744420").PN. OR ("5033545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/31 15:22
S28	34	("1992436" "2061865" "2080622" "2290141" "2291911" "2370413" "2463317" "3746089" "3974878" "3991825" "4603735").PN. OR ("4790376").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/31 15:33
S29	1	"0227394""."4".pran.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:40
S30	0	("227394.pran.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 17:38
S31	21	"0227394".pran.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:38

EAST Search History

S32	0	"0227394""."4".frpn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:42
S33	0	"0227394""."4".frgp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 17:42